

# Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

## CONTENTS VOLUME 292, Nos. 1 & 2, November 2006

M.C. Hall: The effect of oxysterols, individually and as a representative mixture from food, on <i>in vitro</i> cultured bovine ovarian granulosa cells	1–11
P. Senthilnathan, R. Padmavathi, V. Magesh and D. Sakthisekaran: Stabilization of membrane bound enzyme profiles and lipid peroxidation by <i>Withania somnifera</i> along with paclitaxel on benzo(a)pyrene induced experimental lung cancer	13–17
M.S. Pote, N.M. Gandhi and K.P. Mishra: Antiatherogenic and radioprotective role of folic acid in whole body $\gamma$ -irradiated mice	19–25
S. Shalini and M.P. Bansal: Role of selenium in spermatogenesis: Differential expression of cjun and cfos in tubular cells of mice testis	27–38
P.T. Sudharsan, Y. Mythili, E. Selvakumar and P. Varalakshmi: Lupeol and its ester inhibit alteration of myocardial permeability in cyclophosphamide administered rats	39–44
Y.L. Lai and M. Yamaguchi: Phytocomponent <i>p</i> -hydroxycinnamic acid stimulates bone formation and inhibits bone resorption in rat femoral tissues <i>in vitro</i>	45–52
D. Kaul, A. Gautam and K. Sikand: Importance of LXR- $\alpha$ transcriptome in the modulation of innate immunity	53–57
R. Jayalakshmi, C.J. Thirupurasundari and S.N. Devaraj: Pretreatment with alcoholic extract of <i>Crataegus oxyacantha</i> (AEC) activates mitochondrial protection during isoproterenol – induced myocardial infarction in rats	59–67
K. Qiu, Y. Su and E.R. Block: Use of recombinant calpain-2 siRNA adenovirus to assess calpain-2 modulation of lung endothelial cell migration and proliferation	69–78
C. Wang, G. Lee, W. Hsu, C.-H. Yeh, M.-L. Ho and G.-J. Wang: Identification of USF2 as a key regulator of Runx2 expression in mouse pluripotent mesenchymal D1 cells	79–88
H. Mamady and K.B. Storey: Up-regulation of the endoplasmic reticulum molecular chaperone GRP78 during hibernation in thirteen-lined ground squirrels	89–98
Z.-Z. Wu, C.-M. Chien, S.-H. Yang, Y.-H. Lin, X.-W. Hu, Y.-J. Lu, M.-J. Wu and S.-R. Lin: Induction of G2/M phase arrest and apoptosis by a novel enediyne derivative, THDA, in chronic myeloid leukemia (K562) cells	99–105
D.E. Marotta, N. Gerald and D.M. Dwyer: Rab5b localization to early endosomes in the protozoan human pathogen <i>Leishmania donovani</i>	107–117
J.G. Edwards: <i>In Vivo</i> $\beta$ -adrenergic activation of atrial natriuretic factor (ANF) reporter expression	119–129
E. Bulduk, B. Gönül and Ç. Özer: Effects of vitamin C on muscle glycogen and oxidative events in experimental diabetes	131–137
D. Delwing, D. Delwing, J.J.F. Sarkis and A.T.S. Wyse: Proline induces alterations in nucleotide hydrolysis in rat blood serum	139–144
W.-I. Xiao, M. Wu and B. Shi: Folic acid rivals methylenetetrahydrofolate reductase (MTHFR) gene-silencing effect on MEPM cell proliferation and apoptosis	145–154
X.-F. Huo, J. Yu, H. Peng, Z.-W. Du, X.-L. Liu, Y.-N. Ma, X. Zhang, Y. Zhang, H.-L. Zhao and J.-W. Zhang: Differential expression changes in K562 cells during the hemin-induced erythroid differentiation and the phorbol myristate acetate (PMA)-induced megakaryocytic differentiation	155–167
G.M. Campo, A. Avenoso, S. Campo, A. D'Ascola, A.M. Ferlazzo and Alberto Calatrano: TNF- $\alpha$ , IFN- $\gamma$ , and IL-1 $\beta$ modulate hyaluronan synthase expression in human skin fibroblasts: Synergistic effect by concomitant treatment with FeSO <sub>4</sub> plus ascorbate	169–178
X. Guan, J. Liu, F. Ding, J. Gu and X. Gu: Expression and distribution of trihydrophobin 1 in postnatal developing mouse testis	179–187
J.-P. Liu, N.-S. Liu, H.-Y. Yuan, Q. Guo, H. Lu and Y.-Y. Li: Human homologue of SETA binding protein 1 interacts with cathepsin B and participates in TNF-induced apoptosis in ovarian cancer cells	189–195
B. Ozyurt, M. Iraz, K. Koca, H. Ozyurt and S. Sahin: Protective effects of caffeic acid phenethyl ester on skeletal muscle ischemia-reperfusion injury in rats	197–203
M. Zhou, X.-J. Xu, H.-D. Zhou, H.-Y. Liu, J.-J. He, X.-L. Li, C. Peng, W. Xiong, S.-Q. Fan, J.-H. Lu, J. Ouyang, S.-R. Shen, B. Xiang and G.-Y. Li: BRD2 is one of BRD7-interacting proteins and its over-expression could initiate apoptosis	205–212

Available  
online

[www.springerlink.com](http://www.springerlink.com)